

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-3: (cancelled).

4 (previously presented): A method of producing a material for an aperture grille for use in a color picture tube, comprising

providing a low carbon steel sheet consisting of Fe, C, wherein said C is present in an amount no greater than 0.01 wt%, up to 0.5 wt% Mn, up to 0.3 wt% Si, up to 0.01 wt% S and N, 9 to 30 wt% of Ni and 0.1 to 5 wt% of Co;

cold-rolling the low carbon steel sheet at a reduction rate of not less than 60%; and

annealing the low carbon steel sheet at a temperature of 400 to 500°C.

5 (previously presented): A method of producing a material for an aperture grille for use in a color picture tube, comprising

providing a low carbon steel sheet containing 9 to 30 wt% of Ni and being substantially free of tin;

annealing the low carbon steel sheet at a temperature of 500 to 800°C;

subjecting the low carbon steel sheet to cold-rolling at a reduction rate not less than 60%; and

annealing the low carbon steel sheet at a temperature of 400 to 500°C.

6 (previously presented): A method of producing a material for an aperture grille for use in a color picture tube, comprising providing a low carbon steel sheet containing 9 to 30 wt% of Ni and 0.1 to 5 wt% of Co, and being substantially free of tin;

annealing the low carbon steel sheet at a temperature of 500 to 800°C;

cold-rolling the low carbon steel sheet at a reduction rate of not less than 60%; and

annealing the low carbon steel sheet at a temperature of 400 to 500°C.

7 (Previously presented): An aperture grille for use in a color picture tube, which is made of a low carbon steel sheet containing 9 to 30 wt% of Ni produced by the method of according to claim 5.

8 (Previously presented): An aperture grille for use in a color picture tube, which is made of a low carbon steel sheet containing 9 to 30 wt% of Ni and 0.1 to 5 wt% of Co produced by the method according to claim 6.

9 (canceled).

10 (Previously presented): A color picture tube incorporating an aperture grille for use in a color cathode ray tube, which aperture grille is made of a low carbon steel sheet containing 9 to 30 wt% of Ni and 0.1 to 5 wt% of Co produced according to the method of claim 4.